



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Monday, March 18, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



SR ROC
REGIONAL OPERATIONS CENTER

Today through Wednesday

- **No significant weather impacts expected.**

Thursday - Friday

- **The next weather system looks to move into the Region late this week; could bring a few strong storms and isolated heavy rain in portions of NM and TX. No threats being highlighted at this time.**

River Flooding

- **Moderate to major flooding will continue for the next several weeks on the Mississippi River at many locations in E AR/E LA.**
 - **This flooding is slightly higher than 2016 & 1997.**
- **A few rivers in E TX will remain in minor flood stage with little to no impacts.**

FEMA Region 6 Threat Matrix

Mar 18, 2019 – Mar 22, 2019



SR ROC
REGIONAL OPERATIONS CENTER

| DAY / THREAT | MON | TUE | WED | THU | FRI |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|
| Severe Storms | | | | | |
| Heavy Rain / Flash Flooding | | | | | |
| Winter Weather | | | | | |
| Fire Weather | | | | | |
| River Flooding | E A R & E L A | E A R & E L A | E A R & E L A | E A R & E L A | E A R & E L A |

| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

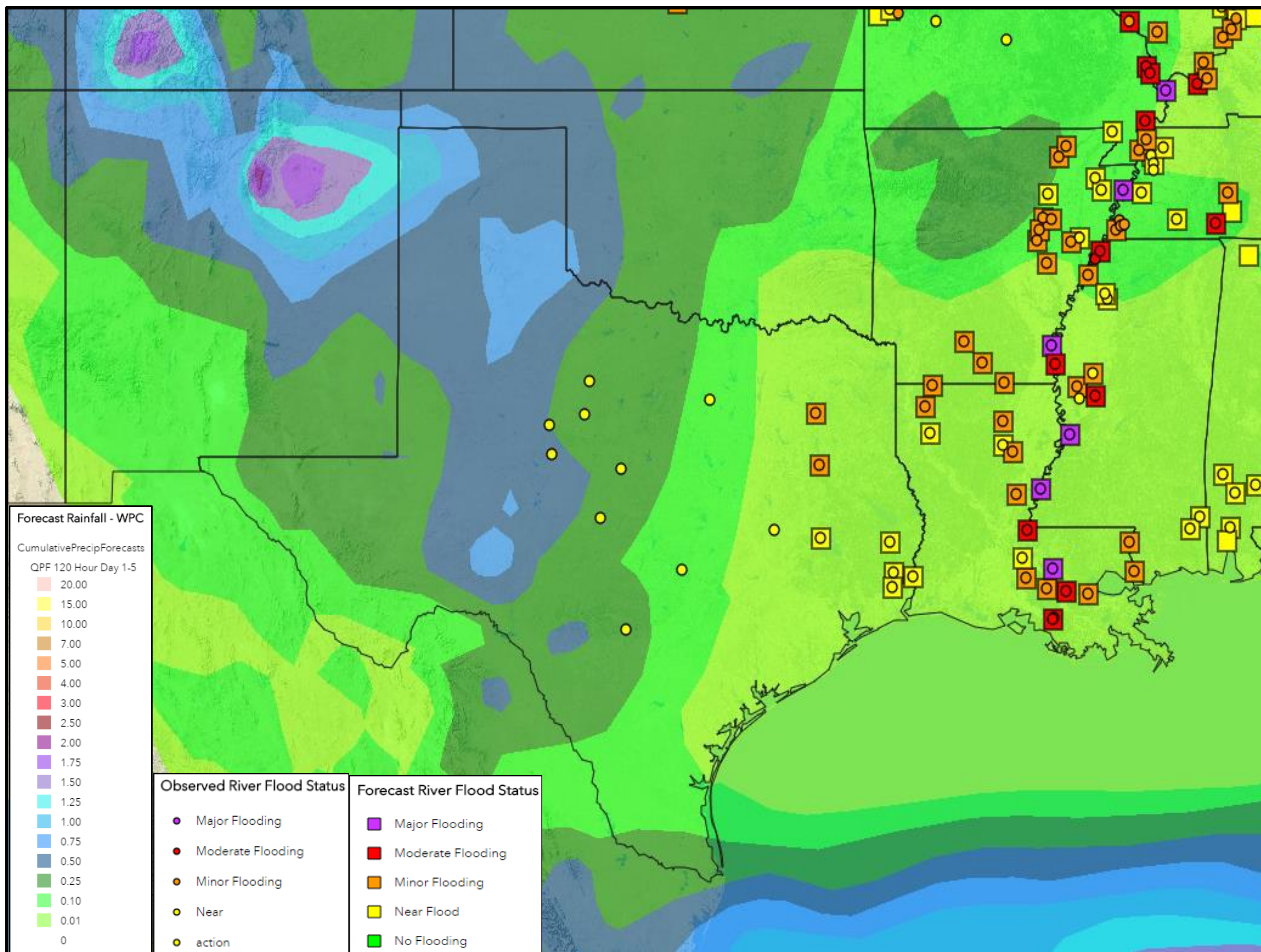
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate to Major flooding will continue for the next several weeks on the Mississippi River at many locations in E AR & E LA. This flooding is slightly higher than 2016 & 1997.

Arkansas

- **Mississippi River at Osceola and near Arkansas City remain at major flood.**
- **The White River, Black River and Ouachita Rivers will remain in minor flood with little to no impacts.**

Louisiana

- **MS River at Baton Rouge is at Major flood. Shipping and industrial activities are significantly affected. The city of Baton Rouge is protected by levees at the currently forecast levels.**
- **The Bonnet Carre Spillway is operating to reduce flow and maintain a 17.0ft stage at New Orleans; no flood impacts are associated with this opening.**

Texas

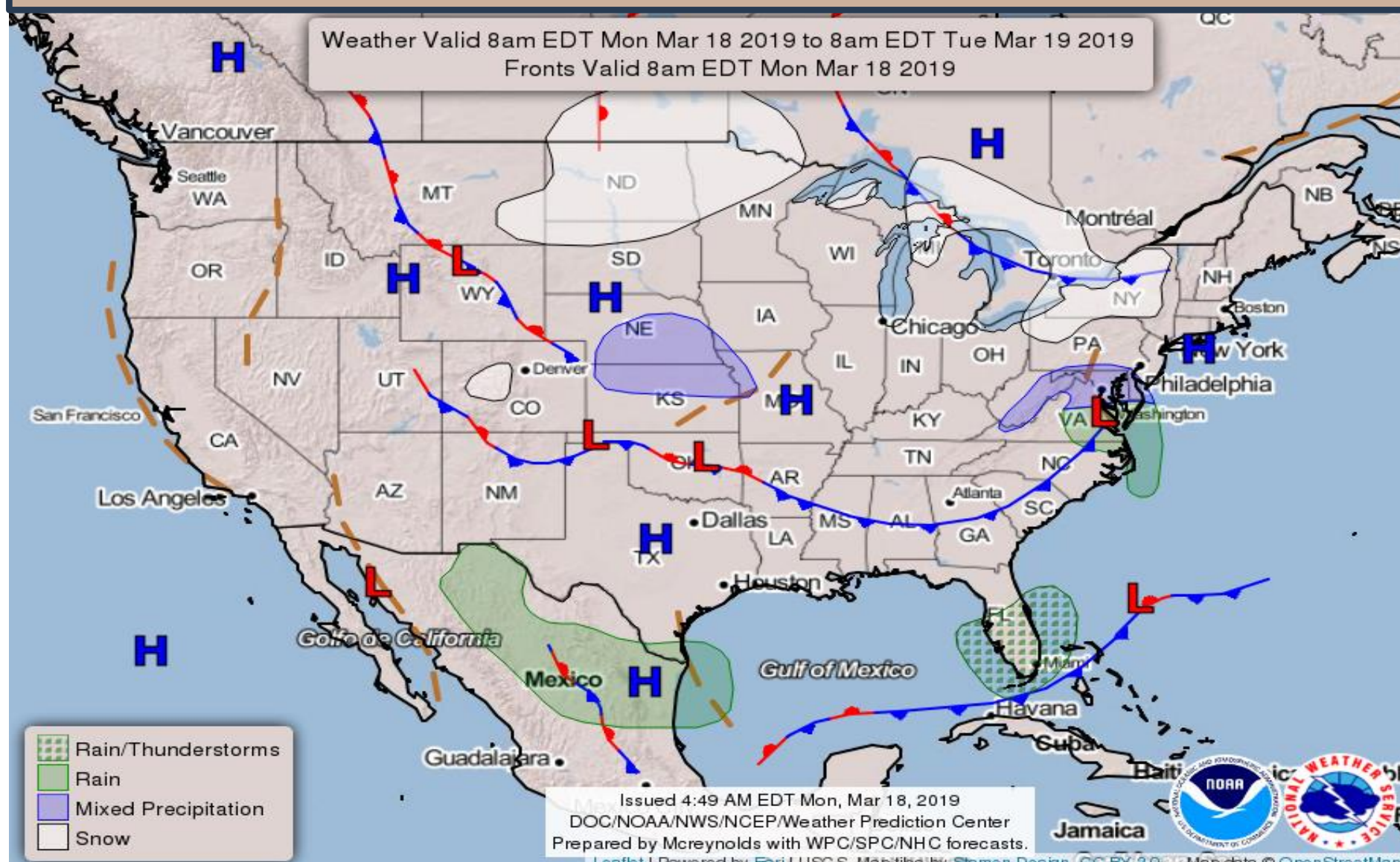
- **A few rivers in E TX will remain in minor flood stage with little to no impacts.**

Today's Weather

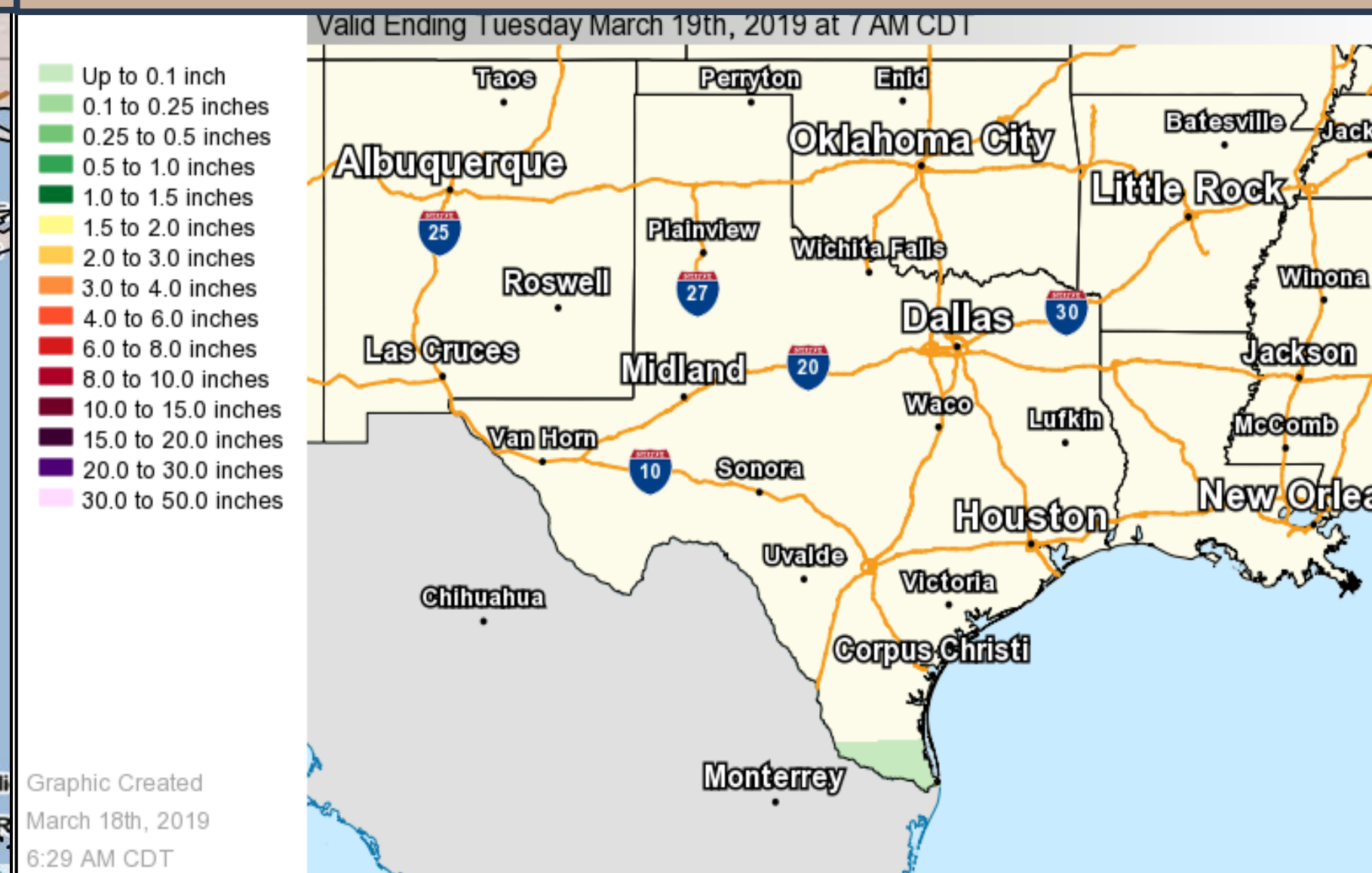


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

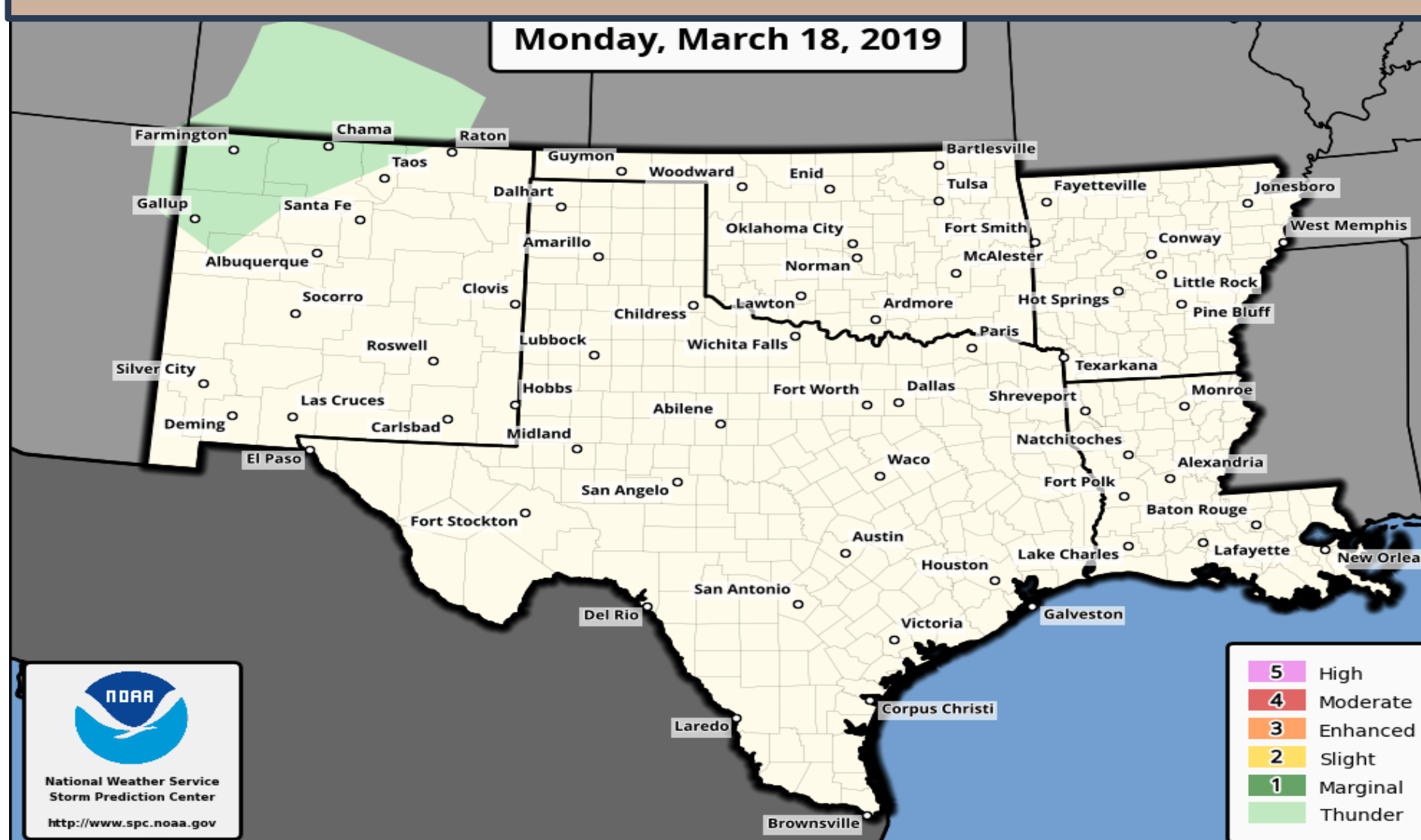


Forecast Rainfall



No significant weather impacts expected.

Severe Weather Outlook



Excessive Rainfall Outlook



Tomorrow's Weather

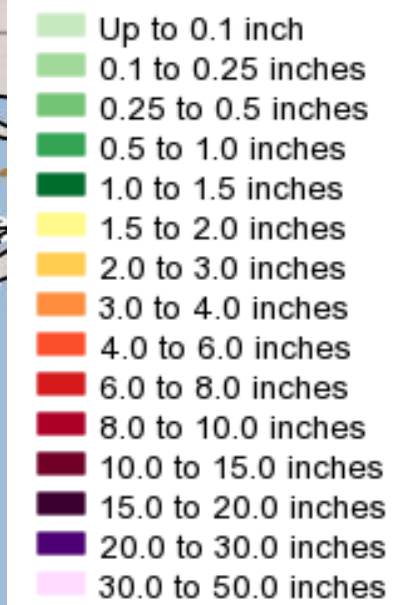
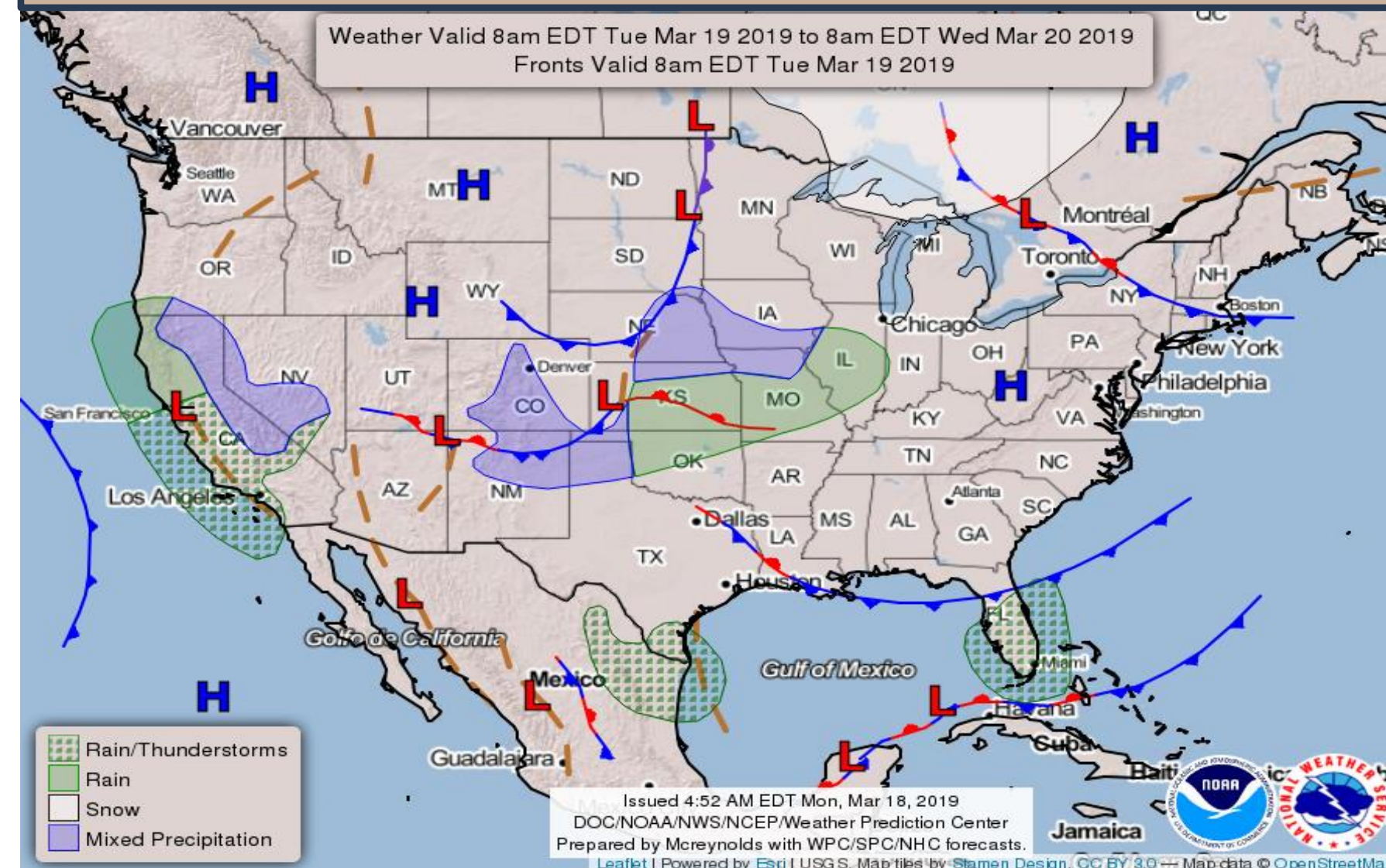


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

No significant weather impacts expected.

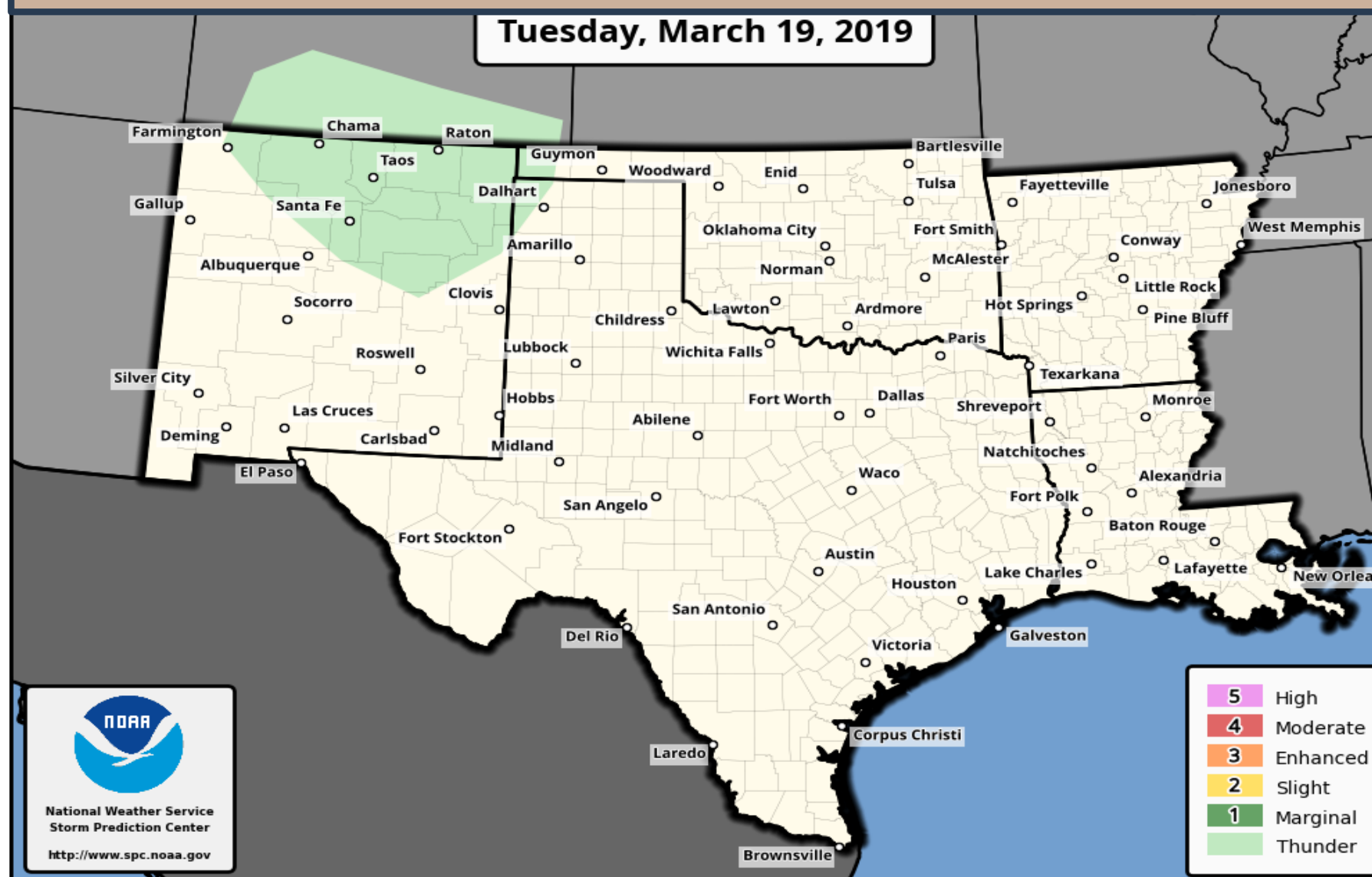


Graphic Created
March 18th, 2019
6:31 AM CDT



Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
March 18th, 2019
6:31 AM CDT



Wednesday's Weather

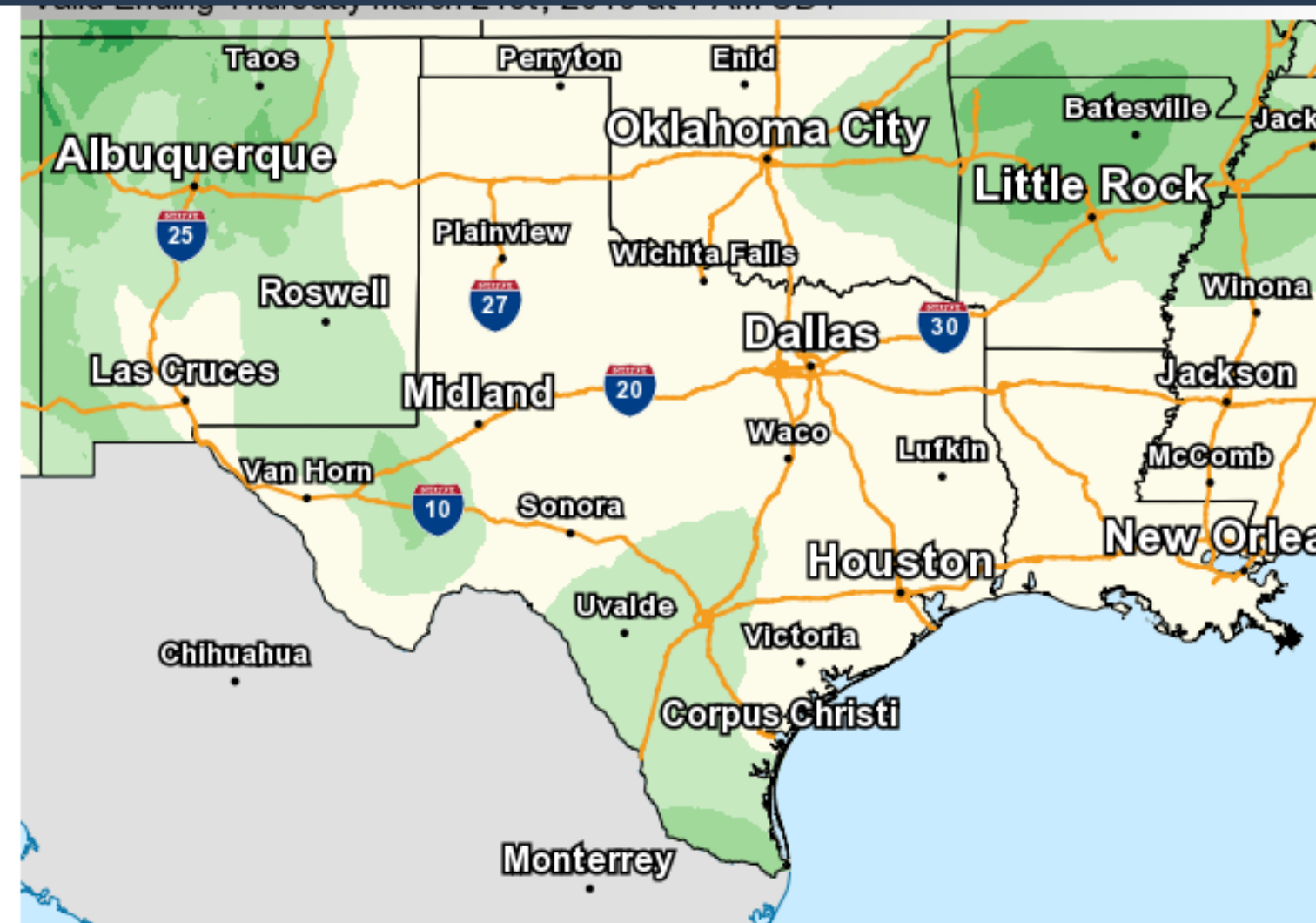
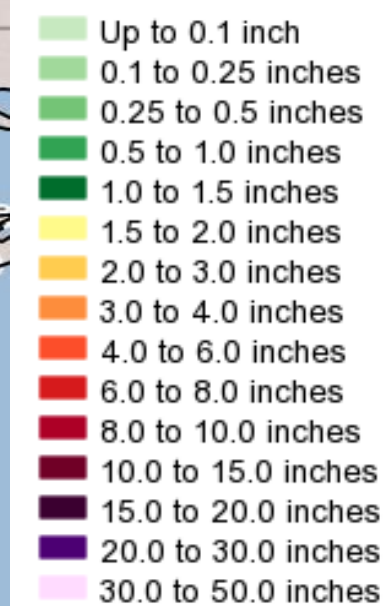
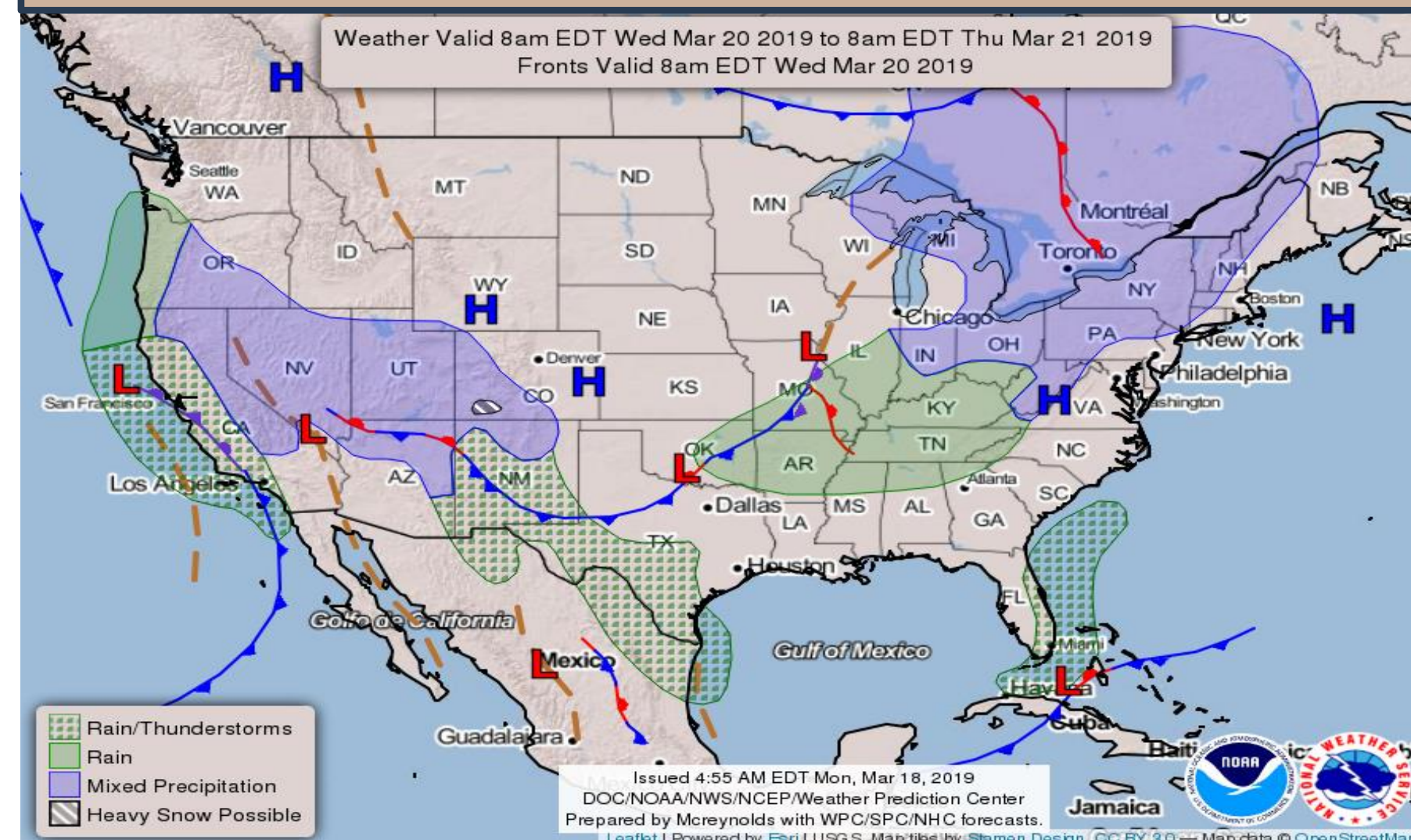


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

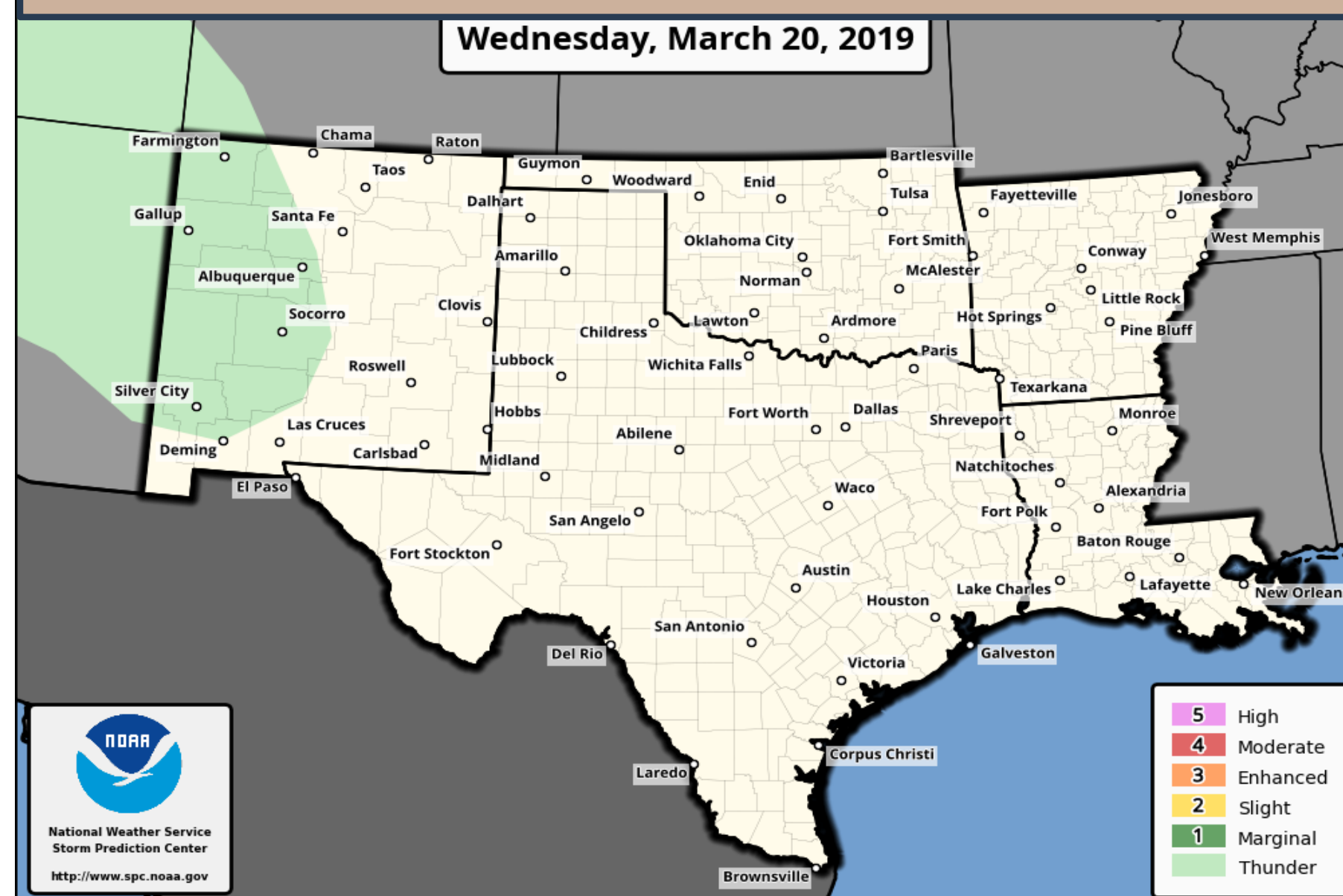
No significant weather impacts expected.



Graphic Created
March 18th, 2019

Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
March 17th, 2019
PM CDT

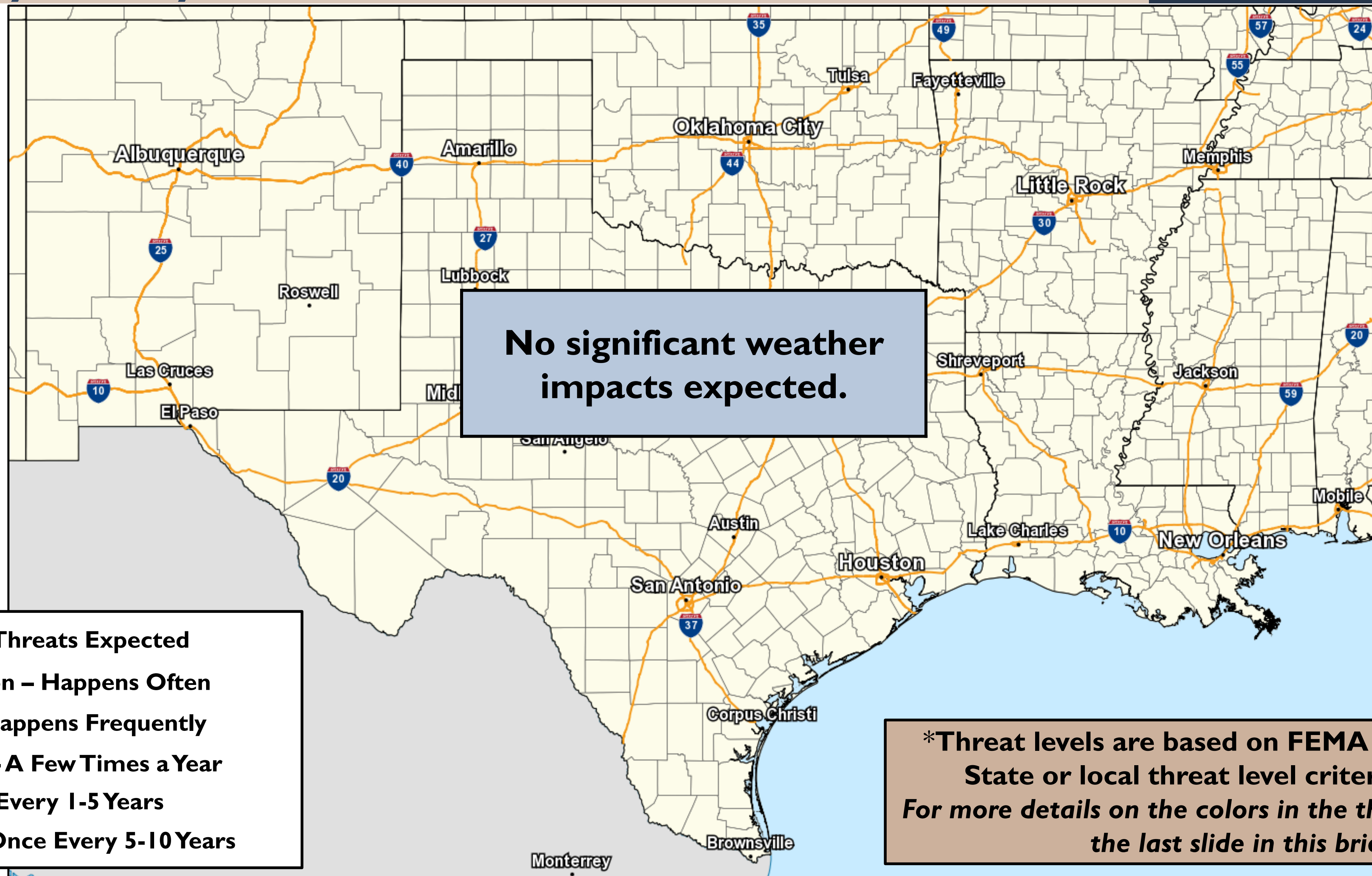


Days 4-5 Weather Hazards

Thursday - Friday



SR ROC
REGIONAL OPERATIONS CENTER



- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

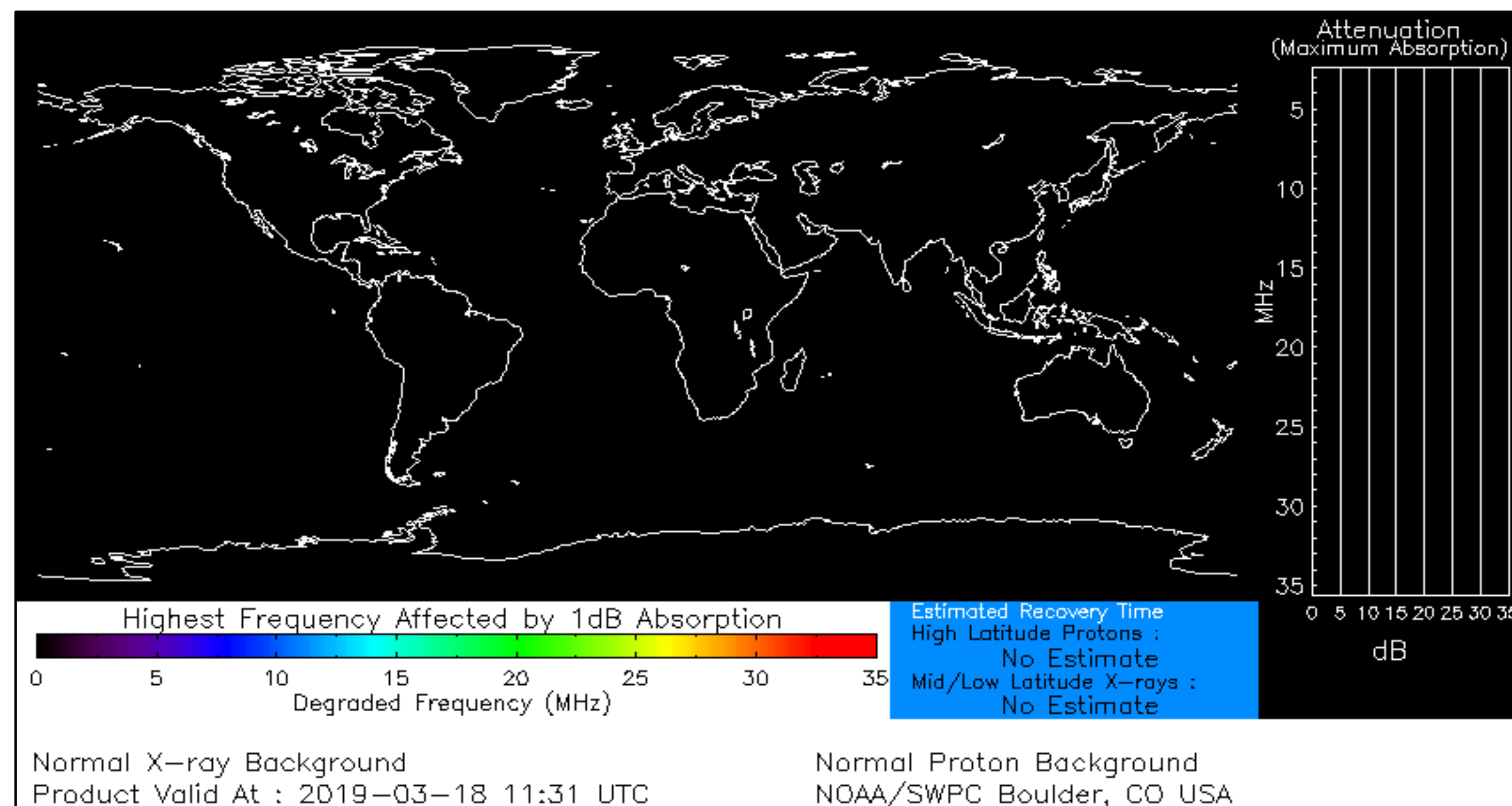
***Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.***
For more details on the colors in the threat matrix refer to the last slide in this briefing.

Space Weather 3-Day Forecast



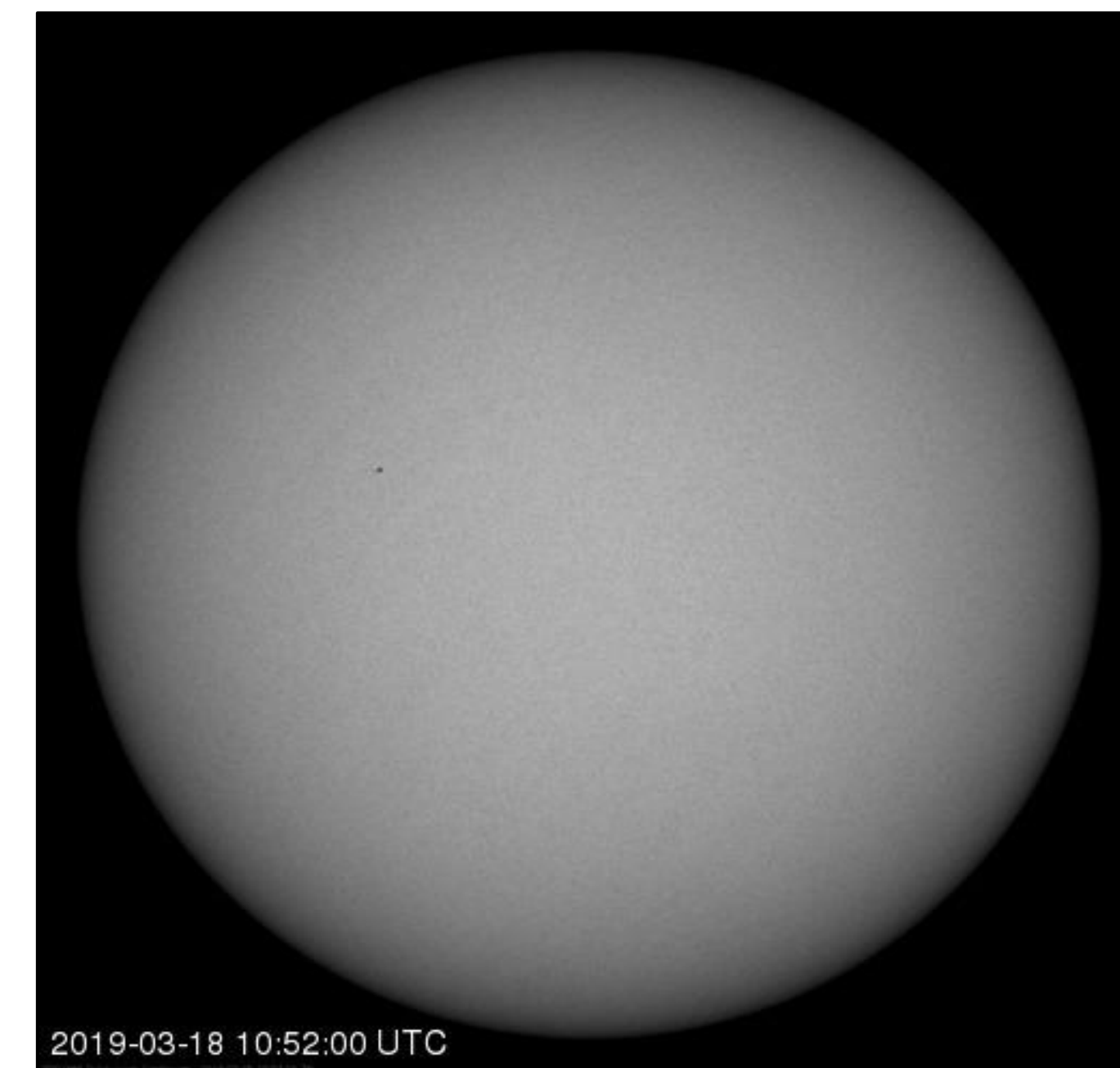
SR ROC
REGIONAL OPERATIONS CENTER

| | Monday | Tuesday | Wednesday |
|-------------------------------|-----------------------|-----------------------|------------------------------------|
| Geomagnetic Storms | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) | Quiet to Unsettled (Max Kp = 3) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 1% | 1% | 1% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





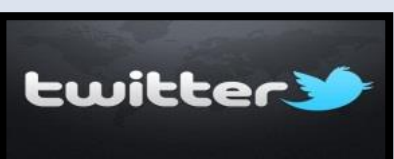
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



| Weather “Threat” Matrix | | | |
|-------------------------|--|---|--|
| Color | Definition | Criteria | Example(s) |
| Green | Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX |
| Yellow | Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov